

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masahiro OSHIO

Application No.: New U.S. Patent Application

Filed: December 10, 2003

Docket No.: 117780

For: SURFACE ACOUSTIC WAVE DEVICE, METHOD OF MANUFACTURING THE
SAME, AND ELECTRONIC APPARATUS

INFORMATION DISCLOSURE STATEMENT

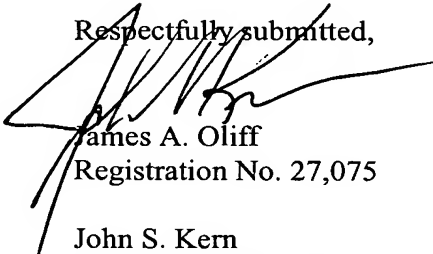
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of references 1, 3-5 is discussed in the present specification.
- ☒ 3. English-language Abstracts of the non-English language references are attached hereto. (Refs. 1-2)
- ☒ 4. Computer-generated English translations of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and are attached, but have not been reviewed for accuracy. See References 1-2.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

John S. Kern
Registration No. 42,719

JAO:JSK/amo

Date: December 10, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE
AUTHORIZATION

Please grant any extension
necessary for entry;

Charge any fee due to our
Deposit Account No. 15-0461

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117780		APPLICATION NO. New U.S. Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Masahiro OSHIO			
				FILING DATE December 10, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP A 6-112763 w/ abst & trans	04/22/1994	Japan			
	2	JP A 2003-069380 w/ abst & trans	03/07/2003	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	3	Avramov, Ivan D.; "High Performance GHz Range Surface Transverse Wave Resonant Devices. Applications to Low-Noise Microwave Oscillators and Communication Systems." 1995 Japan Society for the Promotion of Science; pp. 132-137					
	4	De Zhang et al.; "Study of Propagation Properties of Quasi-longitudinal Leaky Surface Acoustic Wave Propagating on Y-Rotated Cut Quartz Substrates." 1999 IEEE Ultrasonics Symposium, pp; 321-324					
	5	Yook-Kong Yong et al.; "Analysis of High Velocity Pseudo-Surface Acoustic Waves (HVPSAW) in Quartz Periodic Structures with Electrode Fingers." 2000 FCS, Kansas MO USA JUNE 7-9 2000; pp. 301-306					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: December 10, 2003